

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1 | 744 | ((two with sputter\$3 target) or (two with target)) same (different or distinct or varied or various) and "204".clas. | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 14:36 |
| L2 | 117 | ((two with sputter\$3 target) or (two with target)) same (different or distinct or varied or various) and "204".clas. and (bias voltage) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 14:39 |
| L4 | 79 | (pulsed with DC) and target and sputter\$ and (evporation or vaporized) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:57 |
| L5 | 124 | (puls\$3 with DC) and target and sputter\$ and (evporation or vaporized) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:57 |
| L6 | 752 | (puls\$3 with DC) and target and sputter\$ and evaporat\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:58 |
| L7 | 102 | (puls\$3 with DC) and target and sputter\$ and evaporat\$3 and "204".clas. | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 15:58 |
| L12 | 4 | ("4992153" "5242706" "5395735" "5468930").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/25 17:37 |
| L13 | 1 | ("0001933").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/25 17:52 |
| L14 | 1 | ("H001933").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/25 17:52 |
| L15 | 118 | (Ti-8Al-1V-1Mo) or (Ti-8Al-1Mo-1V) or (Ti-8Al-V-Mo) or (Ti-8Al-Mo-V) | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 18:10 |
| L16 | 2 | I15 and sputter and evaporat\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 18:11 |
| L17 | 4 | I15 and sputter | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 18:11 |
| L18 | 460 | 204/192.3.ccls. or 427/524.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 18:28 |
| L19 | 164 | (204/192.3.ccls. or 427/524.ccls.) and sputter\$3 and evaporat\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/01/25 18:29 |

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| S1 | 20 | ((("5192578") or ("5439575") or ("5656141") or ("6663755") or ("6787740") or ("6908288") or ("200310153180") or ("5846608") or ("20030056716") or ("4008844") or ("4073639") or ("5106010") or ("5549767") or ("5794338") or ("4822248") or ("5451142") or ("5525429") or ("5732467") or ("5783318") or ("6049978") or ("6302625"))).PN. or (2002/0076573).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/08/01 16:18 |
| S2 | 0 | wo-2004011688-\$.did. or wo-2003028428-\$.did. or ep-1325969-\$.did. | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 15:56 |
| S3 | 0 | wo-04011688-\$.did. or wo-03028428-\$.did. or ep-1325969-\$.did. | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 15:56 |
| S4 | 5 | wo-2004011688-\$.did. or wo-2003028428-\$.did. or ep-1325969-\$.did. | EPO; JPO; DERWENT | ADJ | ON | 2007/08/01 15:56 |
| S5 | 102178 | ((titanium or ti) and (aluminum or al) and (molybdenum or mo)) and (tin or sn or zirconium or zr or vanadium or v) | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:20 |
| S6 | 15460 | sputter and (pulse or rf or ac) | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:21 |
| S7 | 3094 | S5 and S6 | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:21 |
| S8 | 388 | S5 and S6 and "204".clas. | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 11:20 |
| S9 | 4 | S5 and S6 and "204".clas. and ksi | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:26 |
| S10 | 22 | S5 and S6 and ksi | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:34 |
| S11 | 28 | ion physical vapor deposition | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:34 |
| S12 | 276 | (ion physical vapor deposition) or ipvd | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:34 |
| S13 | 25 | S12 and S5 | US-PGPUB; USPAT | ADJ | ON | 2007/08/01 16:35 |
| S14 | 102319 | ((titanium or ti) and (aluminum or al) and (molybdenum or mo)) and (tin or sn or zirconium or zr or vanadium or v) | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 11:21 |
| S15 | 15479 | sputter and (pulse or rf or ac) | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 11:21 |

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| S16 | 6 | S14 and S15 and "204".clas. and (co-deposited or codeposited) | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 14:39 |
| S17 | 6 | S14 and S15 and "204".clas. and (co-deposited or codeposited or (simultaneous near4 deposit)) | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 11:44 |
| S18 | 3 | S14 and S15 and "204".clas. and (co-deposit or codeposit or (simultaneous near4 deposit)) | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 14:24 |
| S19 | 1 | ("6153313").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/02 14:24 |
| S20 | 193 | (pvd or (physical vapor deposition)) and (co-deposit or codeposit or (simultaneous near6 deposit)) | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 14:41 |
| S21 | 62 | (pvd or (physical vapor deposition)) and (co-deposit or codeposit or (simultaneous near6 deposit)) and S14 | US-PGPUB; USPAT | ADJ | ON | 2007/08/02 14:41 |
| S22 | 151 | (bond strength) and (psi or ksi) and (refractory metal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2007/08/03 12:25 |
| S23 | 151 | (bond strength) and (psi or ksi) and (refractory metal) | US-PGPUB; USPAT | ADJ | ON | 2007/08/03 12:26 |
| S24 | 0 | (bond strength) with (psi or ksi) with (refractory metal) | US-PGPUB; USPAT | ADJ | ON | 2007/08/03 12:26 |
| S25 | 43 | (bond strength) with (psi or ksi) and(refractory metal) | US-PGPUB; USPAT | ADJ | ON | 2007/08/03 12:26 |
| S26 | 43 | (bond strength) with (psi or ksi) and (refractory metal) | US-PGPUB; USPAT | ADJ | ON | 2007/08/03 12:36 |
| S27 | 1910 | (psi or ksi) and (refractory metal) | US-PGPUB; USPAT | ADJ | ON | 2007/08/03 12:36 |
| S28 | 223 | (psi or ksi) and (refractory metal) and ("204".clas. or "427".clas.) | US-PGPUB; USPAT | ADJ | ON | 2007/08/03 12:37 |
| S29 | 63 | chiang.in. and (applied material). as. | US-PGPUB; USPAT | ADJ | ON | 2007/08/06 11:51 |
| S30 | 44 | chiang.in. and (applied material). as. and (PVD or (physical vapor deposition)) | US-PGPUB; USPAT | ADJ | ON | 2007/08/06 11:51 |
| S31 | 1 | ("6352629").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/06 14:33 |
| S32 | 2 | Ti6Al2Sn4Zr2Mo | US-PGPUB; USPAT | ADJ | ON | 2007/11/13 12:17 |

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| S33 | 19 | "204".clas. and (PVD or (physical vapor deposition)) and (monitor with (plasma and (ion or power or volt or elect))) | US-PGPUB; USPAT | ADJ | ON | 2007/08/11 09:27 |
| S34 | 171 | Ti-6Al-2Sn-4Zr-2Mo | US-PGPUB; USPAT | ADJ | ON | 2007/11/13 12:18 |
| S35 | 7717 | ksi | US-PGPUB; USPAT | ADJ | ON | 2007/11/13 12:18 |
| S36 | 0 | ksi and (pound-force per square inch) | US-PGPUB; USPAT | ADJ | ON | 2007/11/13 12:45 |
| S37 | 1172 | bergmann.in. | US-PGPUB; USPAT | ADJ | ON | 2008/01/22 17:48 |
| S39 | 4 | bergmann.in. and sputter and (electron beam) | US-PGPUB; USPAT | ADJ | ON | 2008/01/22 17:48 |
| S40 | 13 | bergmann.in. and sputter | US-PGPUB; USPAT | ADJ | ON | 2008/01/23 10:23 |
| S41 | 1 | ("3773639").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/23 10:57 |
| S42 | 29 | ("3964986" "4419202" "4842710" "4871434").PN. OR ("4992153").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/23 11:09 |
| S43 | 1 | ("5514260").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/23 13:03 |
| S44 | 17 | ("4867859" "4877505" "4992153" "5234561" "5413684" "5427671" "5454919").PN. OR ("5514260").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/01/23 13:03 |
| S45 | 262 | (pulsed with DC) and target and sputter\$ and titanium and tungsten | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 12:30 |
| S46 | 17 | (pulsed with DC) and target and sputter\$ and titanium and tungsten and (evaporation or vaporized) | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 12:30 |
| S47 | 140 | (pulsed with DC) and target and sputter\$ and titanium and tungsten and (evaporation or vaporized) | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 12:30 |
| S48 | 226 | (Ti-6Al-2Sn-4Zr-2Mo) or (Ti-8Al-1V-1Mo) or (Ti-6Al-2Sn-4Zr-6Mo) | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 13:20 |
| S49 | 34 | S48 and sputter\$ | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 13:20 |
| S50 | 2 | S48 and sputter\$ and (DC with puls\$3) | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 13:20 |

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| S51 | 14 | S48 and sputter\$ and evaporat\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 13:22 |
| S52 | 1 | ("5514260").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/24 16:39 |
| S53 | 1 | 10/734696.app. | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 17:00 |
| S54 | 21 | S48 and evaporat\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 18:14 |
| S55 | 20063 | titanium and aluminum and vanadium and molybdenum | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 18:55 |
| S56 | 1053 | S55 and (sputter\$3 with target) | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 18:55 |
| S57 | 596 | S55 and (sputter\$3 with target) and evaporat\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 18:56 |
| S58 | 360 | S55 and (sputter\$3 with target) and evaporat\$3 and apparatus | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 18:57 |
| S59 | 40 | S55 and (sputter\$3 with target) and evaporat\$3 and apparatus and "204".clas. | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 18:57 |
| S60 | 10329 | two near target | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 19:04 |
| S61 | 94304 | (two with sputter\$3 target) or (two with target) | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 19:04 |
| S62 | 22807 | ((two with sputter\$3 target) or (two with target)) same (different or distinct or varied or various) | US-PGPUB; USPAT | ADJ | ON | 2008/01/24 19:04 |